

## Active Recombinant Mouse CD200, MIgG2a Fc-tagged, mutant

Cat. No. CD200-002M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of mouse CD200 (NP_034948.3)(Gln31-Ser236) is fused to the N-terminus of the Fc portion of a mutant mouse IgG2a was expressed in CHO cell.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	31-236 a.a.
<b>Description</b>	The protein encoded by this gene is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse tissues. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA.
<b>Molecular Mass</b>	52 KDa
<b>AA Sequence</b>	Gln31-Ser236

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<b>Endotoxin</b>	<0.06 eu/μg="" as="" determined="" by="" lal="">
<b>Purity</b>	≥98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100μg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Cd200 CD200 antigen [ Mus musculus ]</a>
<b>Official Symbol</b>	CD200
<b>Synonyms</b>	CD200; CD200 antigen; OX-2 membrane glycoprotein; MRC OX-2 antigen; antigen identified by monoclonal MRC OX-2; OX2; Mox2;
<b>Gene ID</b>	<a href="#">17470</a>
<b>mRNA Refseq</b>	<a href="#">NM_010818</a>
<b>Protein Refseq</b>	<a href="#">NP_034948</a>
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem;
<b>Function</b>	protein binding;

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